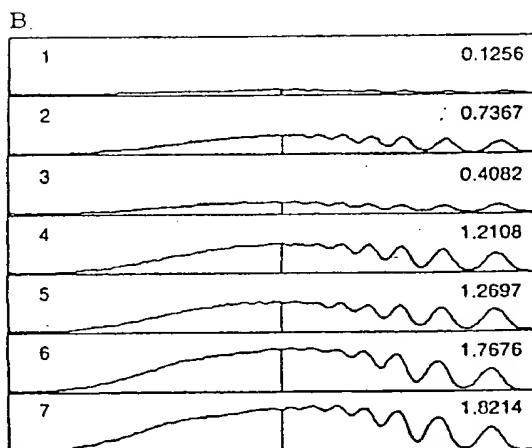




Title: METHODS AND PRODUCTS RELATED TO METABOLIC INTERACTIONS DISEASE
Appl. No.: 09/277,575
Inventor(s): Martha Karen Newell
Atty. Docket No.: A0906.70004US00
Replacement Sheet

MHC class II induces apoptotic cell death



C

| Lane | Treatment | Normalized Area | Apoptotic Index |
|------|---------------|-----------------|-----------------|
| 1 | Medium Alone | 0.0711 | 0.0000 |
| 2 | 17/227 | 0.4168 | 0.3722 |
| 3 | 14-4-4S | 0.2309 | 0.1721 |
| 4 | 10-2.16 | 0.6850 | 0.6609 |
| 5 | H116-32 | 0.7183 | 0.6968 |
| 6 | Isoproterenol | 1.0000 | 1.0000 |
| 7 | dbcAMP | 1.0304 | 1.0328 |

FIGURE 9



Cell Surface Fas (CD95) Expression on
Non-permeabilized B16 Melanoma Cells

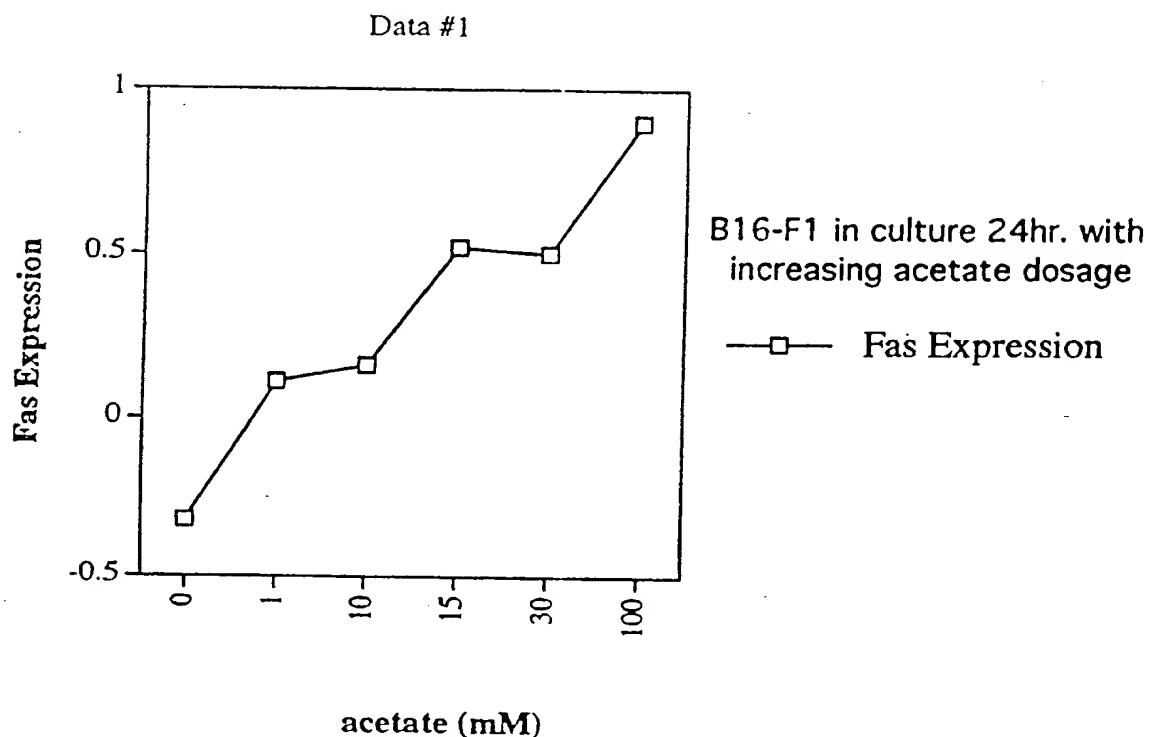


FIGURE 17A



Fas (CD95) Expression on *permeabilized* B16 Melanoma Cells

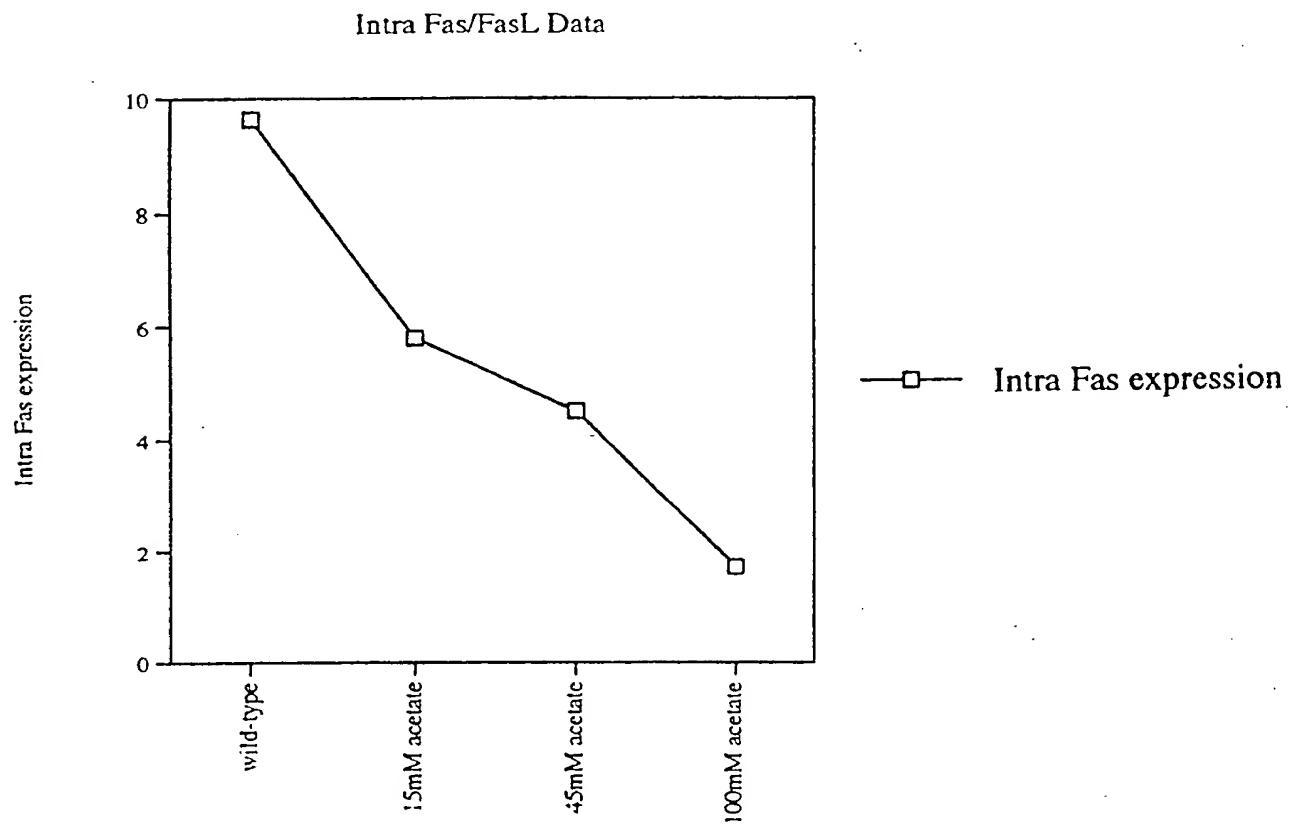
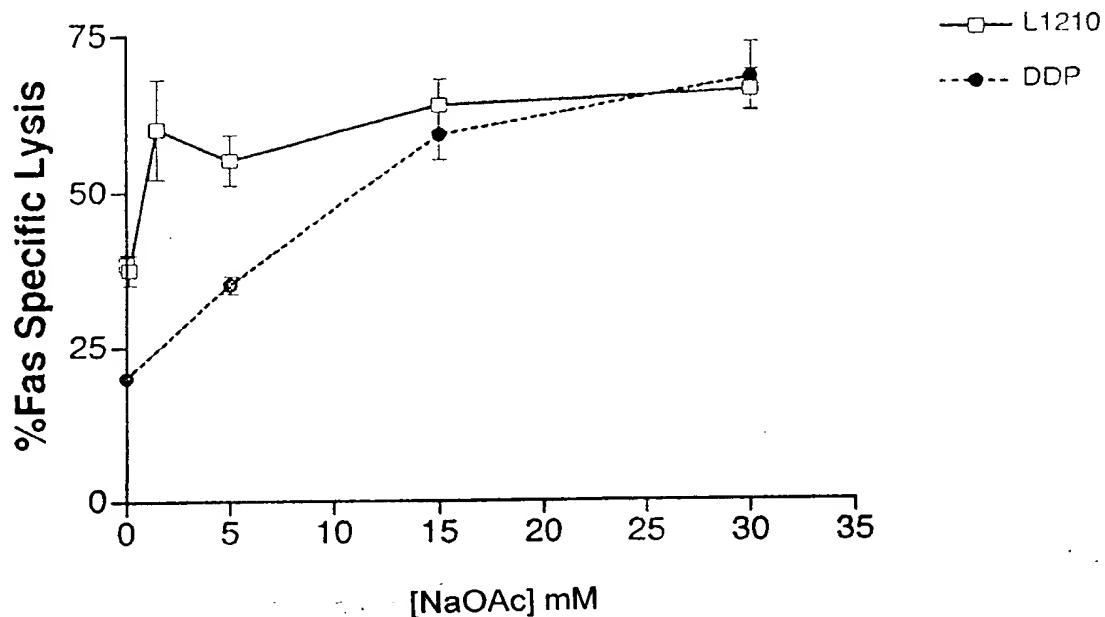


FIGURE 17B

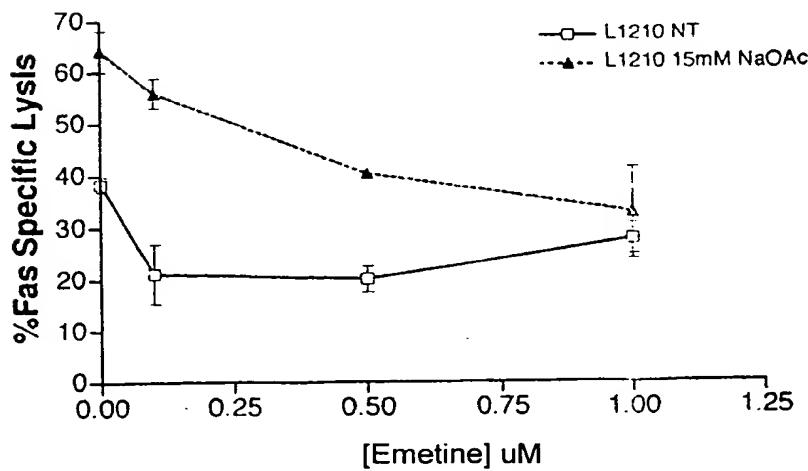


FIGURE 24

Induction of Fas Functional to Signal Cells to Die by Sodium Acetate



Inhibition of Functional Fas Expression Induced by Sodium Acetate by Emetine



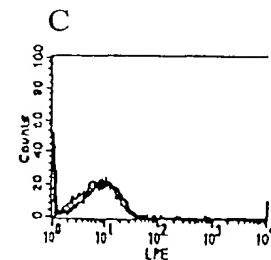
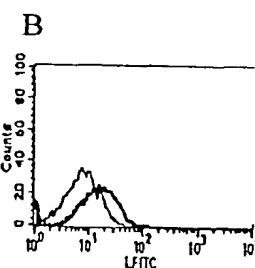
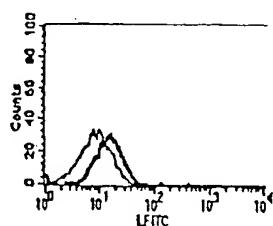


FAS

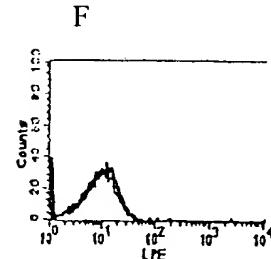
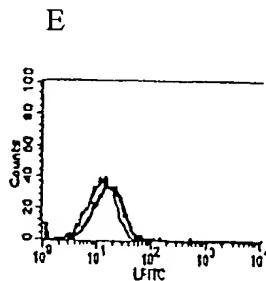
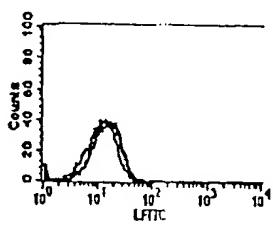
B7-1

B7-2

A
PC12



D
PC12/TRKA



G
PC12/v-CRK

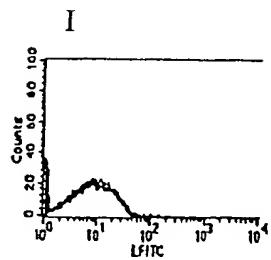
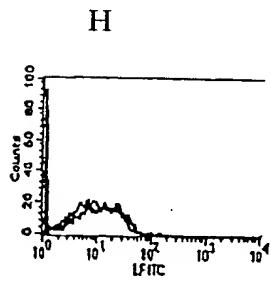
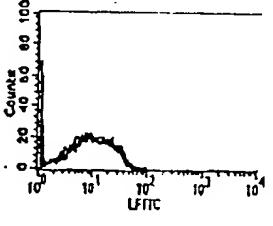


Figure 25: Histograms depicting the constitutive expression or lack thereof of the cell surface molecules Fas, B7.1, and B7.2 on PC12 cells and their variants Trk and v-Crk.